PR 18-DEC-1997; 97US-0068008P.
PR 18-DEC-1997; 97US-0068053P.
PR 18-DEC-1997; 97US-0068054P.
PR 18-DEC-1997; 97US-0068057P.
PR 18-DEC-1997; 97US-0068064P.
PR 18-DEC-1997; 97US-0070923P.
PR 19-DEC-1997; 97US-0068169P.
PR 19-DEC-1997; 97US-0068365P.
PR 19-DEC-1997; 97US-0068367P.
PR 19-DEC-1997; 97US-0068368P.
PR 19-DEC-1997; 97US-0068369P.
PR 17-DEC-1998; 98WO-US027059.
PR 17-JUN-1999; 99US-00334595.
XX
PA (HUMA-) HUMAN GENOME SCI INC.
XX
PI Moore PA, Ruben SM, Carter KC, Shi Y, Rosen CA, Soppet DR;
PI Kyaw H, Wei Y, Florence KA, Duan DR, Florence C, Greene JM, Feng P;
PI Ferrie AM, Yu G, Janat F, Ni J;
XX
DR WPI; 2003-567105/53.
DR N-PSDB; ADA11497.
XX
PT New secreted HKABT24 nucleic acid molecules and polypeptides, useful for
PT preventing, treating, or ameliorating a medical condition, such as
PT cancer, inflammation, immune disorders, neurological and blood clotting
PT disorders.
XX
PS Claim 11; SEQ ID NO 149; 118pp; English.
XX
CC The invention relates to an isolated HKABT24 nucleic acid molecule. The
CC polypeptides, nucleic acids and antibodies are useful for diagnosing a
CC pathological condition or a susceptibility to a pathological condition,
CC for preventing, treating, or ameliorating a medical condition, such as
CC cancer, inflammation and other immune disorders, neurological and blood
CC clotting disorders. The nucleic acids are also useful for chromosome
CC identification, radiation hybrid mapping or long-range restriction
CC mapping. The polypeptides and antibodies are useful for providing
CC immunological probes for differential identification of the tissues
CC immunohistochemistry assays. The polypeptide, polynucleotide, agonist or
CC antagonist may also be used as a food additive or preservative to
CC increase or decrease storage capabilities, fat content or other
CC nutritional components. The present sequence represents the amino acid
CC sequence of a novel human secreted protein. Note: The sequence data for
CC this patent did not form part of the printed specification but was
CC obtained in electronic format directly from USPTO at
CC seqdata.uspto.gov.uk/sequence.html?DocID=20030055236.
XX
SQ Sequence 554 AA;

Query Match 97.7%; Score 292; DB 6; Length 554;
Best Local Similarity 98.2%; Pred. No. 8.8e-29;
Matches 54; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 KNEDQEMCHEFQAFMKNGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 55
||||||||||||||||| ||||||||||||||||||||||||||||||||||||||
Db 23 KNEDQEMCHEFQAFMKXGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 77

RESULT 12
AAO19125
ID AAO19125 standard; protein; 79 AA.
XX
AC AAO19125;
XX
DT 27-NOV-2002 (first entry)
XX
DE Human circulating Lekti fragments related protein #13.
XX
KW Human; circulating Lekti fragment; HF7072; HF7638; HF14448; haemostatic;
KW dermatological; antiinflammatory; gynaecological; antiasthmatic; cancer;
KW anti-HIV; cytostatic; pulmonary; serine protease inhibitor; AIDS;
KW inflammation; skin disease; asthma; emphysema.
XX
OS Unidentified.
XX
PN WO200266513-A2.
XX
PD 29-AUG-2002.
XX
PF 19-FEB-2002; 2002WO-EP001720.
XX
PR 19-FEB-2001; 2001DE-01007997.
XX
PA (IPFP-) IPF PHARM GMBH.
XX
PI Walden M, Maegert H, Kreutzmann P, John H, Staendker L;
PI Forssmann W;
XX
DR WPI; 2002-674917/72.
XX
PT New serine protease-inhibiting peptides, useful for treating e.g.
PT inflammation or tumors, isolated from hemofiltrate, and related nucleic
PT acids and antibodies.
XX
PS Disclosure; Fig 2; 25pp; German.
XX
CC The present invention relates to three human peptides designated HF7072,
CC HF7638 and HF14448, capable of acting as serine protease inhibitors. The
CC peptides can be used in the treatment of acute and chronic skin diseases,
CC inflammation of the cervix, Bertholi glands and other vaginal regions,
CC tonsilitis, pharyngitis, laryngitis, inflammation associated with
CC excessive formation of mucus (and related emergency situations), post-
CC operative bleeding caused by hyperfibrinolysis, asthma, acquired immune
CC deficiency syndrome, lung inflammation, tumours and leukaemia and
CC emphysema associated with deficiency of alpha1-proteinase inhibitor. The
CC present sequence is a protein described in the exemplification of the
CC invention
XX
SQ Sequence 79 AA;

Query Match 40.1%; Score 120; DB 5; Length 79;
Best Local Similarity 37.0%; Pred. No. 1.2e-07;
Matches 20; Conservative 14; Mismatches 20; Indels 0; Gaps 0;

Qy 2 NEDQEMCHEFQAFMKNGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 55
|: :::| ||:: :|||| | :: : | | ||||| |: | ::|| :
Db 12 NDKEDLCREFRSMQRNGKLICTRENNPVRGPYGKMHINKCAMCQSIFDREANER 65

RESULT 13
AAO19122
ID AAO19122 standard; protein; 64 AA.
XX
AC AAO19122;
XX
DT 27-NOV-2002 (first entry)
XX
DE Human circulating Lekti fragments related protein #10.
XX
KW Human; circulating Lekti fragment; HF7072; HF7638; HF14448; haemostatic;
KW dermatological; antiinflammatory; gynaecological; antiasthmatic; cancer;
KW anti-HIV; cytostatic; pulmonary; serine protease inhibitor; AIDS;
KW inflammation; skin disease; asthma; emphysema.
XX
OS Unidentified.
XX
PN WO200266513-A2.
XX
PD 29-AUG-2002.
XX
PF 19-FEB-2002; 2002WO-EP001720.
XX
PR 19-FEB-2001; 2001DE-01007997.
XX
PA (IPFP-) IPF PHARM GMBH.

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;  NUMBER OF SEQ ID NOS: 628
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 127
;   LENGTH: 554
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (39)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (199)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (201)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (202)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (228)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (420)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (434)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (440)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (452)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (554)
;   OTHER INFORMATION: Xaa equals stop translation
PCT-US98-27059-127

  Query Match             97.7%;  Score 292;  DB 1;  Length 554;
  Best Local Similarity   98.2%;  Pred. No. 1.8e-30;
  Matches   54;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 KNEDQEMCHEFQAFMKNGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 55
              |||||||||||||||| ||||||||||||||||||||||||||||||||||||||
Db         23 KNEDQEMCHEFQAFMKXGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 77
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RESULT 15
US-09-334-595-149
; Sequence 149, Application US/09334595
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: PZ021P1
; CURRENT APPLICATION NUMBER: US/09/334,595
; CURRENT FILING DATE: 1999-06-17
; EARLIER APPLICATION NUMBER: PCT/US98/27059
; EARLIER FILING DATE: 1998-12-17
; EARLIER APPLICATION NUMBER: 60/070,923
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,007
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,057
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,006
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,369
; EARLIER FILING DATE: 1997-12-19
; EARLIER APPLICATION NUMBER: 60/068,367
; EARLIER FILING DATE: 1997-12-19
; EARLIER APPLICATION NUMBER: 60/068,368
; EARLIER FILING DATE: 1997-12-19
; EARLIER APPLICATION NUMBER: 60/068,169
; EARLIER FILING DATE: 1997-12-19
; EARLIER APPLICATION NUMBER: 60/068,053
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,064
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,054
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,008
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/068,365
; EARLIER FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 149
;   LENGTH: 554
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (39)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (199)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (201)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (202)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (228)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (420)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (434)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (440)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (452)
;   OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
;   FEATURE:
;   NAME/KEY: SITE
;   LOCATION: (554)
;   OTHER INFORMATION: Xaa equals stop translation
US-09-334-595-149

  Query Match   97.7%; Score 292; DB 17; Length 554;
  Best Local Similarity   98.2%; Pred. No. 1.8e-30;
  Matches   54; Conservative   0; Mismatches   1; Indels   0; Gaps   0;

20030055236
10/097065
10/372876

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Qy          1 KNEDQEMCHEFQAFMKNGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 55
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Db         23 KNEDQEMCHEFQAFMKXGKLFCPQDKKFFQSLDGIMFINKCATCKMILEKEAKSQ 77
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Search completed: June 18, 2004, 09:55:01
Job time : 131.9 secs